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Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The original manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied.

For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter. Those appropriate for this section describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

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Arch Int Med 1979 Mar; 44:554-562. They should be listed in the order cited in the text, numbered in sequence and punctuated as above.

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This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103; or phone (415) 777-2000, ext. 139. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

ANESTHESIOLOGY

- June 16-19—California Society of Anesthesiologists Annual Scientific Session at MGM Grand Hotel, Reno. Saturday-Tuesday. 18 hrs. Contact: CSA, Div. of Ed. Programs, 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.
- August 12-16—Clinical Neuroanesthesia Conference. UCSD at La Jolla Village Inn, La Jolla. Friday-Tuesday. 22 hrs. \$325.
- August 21-26—Hawaiian Seminar. California Society of Anesthesiologists at Maui Surf Hotel, Maui. Sunday-Friday. 18 hrs. Contact: CSA, Ed. Programs Div., 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.
- August 6—Eighth Saturday Symposium: Thoracic Anesthesia. Anesthesia Dept. Mercy Hospital and Medical Center, San Diego. Saturday. 8 hrs. \$50. Contact: Sheryl Quick, Mercy Medical Center, 4077 Fifth Ave., San Diego 92103.

CANCER

- June 17—Colon Cancer Screening Workshops. See Of Interest To All Physicians, June 17.
- June 18—Colon Cancer Screening Workshops. See Of Interest To All Physicians, June 18.
- June 23-28—Head and Neck Cancer: Current Ablation and Reconstruction Techniques. UCD. Thursday-Tuesday.
- June 25—Colon Cancer Screening Workshops. See Of Interest To All Physicians, June 25.
- June 26—Colon Cancer Screening Workshops. See Of Interest To All Physicians, June 26.
- July 21-23—Gynecologic Oncology. American College of Obstetrics and Gynecology at Fairmont Hotel, San Francisco. Thursday-Saturday. 16 hrs. \$275. Contact: Patience Schenk, Administrator, 600 Maryland Ave. S.W., Washington, DC 20024. (202) 638-5577.
- September 23-24—Advances in Heart Disease, Aging, Diabetes and Cancer. See Medicine, September 23-24.
- October 21-22—Recent Advances in Occupational Cancer. UCSF at Golden Gateway Holiday Inn, San Francisco. Friday-Saturday.
- October 31-November 2—7th Annual Cancer Symposium. Scripps Memorial Hospital at Sheraton Harbor Island Hotel,

San Diego. Monday-Wednesday. Contact: Nomi Feldman, Conference Coordinator, Scripps Memorial Hospital, 3770 Tansy, San Diego 92121.

EMERGENCY MEDICINE

- June 19-22—Marine Medicine. UCD at Hyatt Del Monte, Monterey. Sunday-Wednesday.
- June 24-25—5th Annual Symposium on Poisoning and Toxicological Emergencies. San Francisco Bay Area Regional Poison Control Center and UCSF at Plaza Inn Hotel, San Francisco Airport; San Francisco. Friday-Saturday. 14 hrs. \$135-\$150. Contact: Ken Lem, MD, UCSF, School of Pharmocology, S926, Division of CME, San Francisco 94143. (415) 666-4194.

(Continued on Page 808)

KEY TO ABBREVIATIONS

- CMA: California Medical Association
 Contact: Continuing Medical Education, California
 Medical Association, 731 Market Street, San Francisco
 94103. (415) 777-2000.
- DREW: Charles R. Drew Postgraduate Medical School
 Contact: Duane Dillman, PhD, Director, Office of
 Continuing Education, Charles R. Drew Postgraduate
 Medical School, 1621 East 120th Street, Los Angeles
 90059. (213) 603-3091.
- LLU: Loma Linda University
 Contact: Varner J. Johns, Jr., MD, Associate Dean for
 Continuing Medical Education, Loma Linda University
 School of Medicine, Loma Linda 92354. (714) 796-7311,
 ext. 2400.
- PMC: Pacific Medical Center
 Contact: Continuing Education, Pacific Medical Center,
 P.O. Box 7999, San Francisco 94120. (415) 563-4321,
 ext. 2761.
- STAN: Stanford University
 Contact: Edward Rubenstein, MD, Associate Dean for
 Postgraduate Education, Stanford University School of
 Medicine, 300 Pasteur Drive, Stanford 94305. (415)
 497-5594
- UCD: University of California, Davis
 Contact: Ruth Feryok, Director, Office of Continuing
 Medical Education, University of California, Davis,
 School of Medicine, Davis 95616. (916) 752-0328.
- UCI: University of California, Irvine
 Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center 2801 Atlantic Ave., Long Beach 90801. (213) 595-3837.
- UCLA: University of California, Los Angeles
 Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, P.O. Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego
 Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3708.
- UCSF: University of California, San Francisco
 Contact: David S Gullion, MD, Director, Extended
 Programs in Medical Education, School of Medicine,
 University of California, San Francisco 94143. (415)
 666-4251
- USC: University of Southern California
 Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California
 School of Medicine. 2025 Zonal Avenue, Los Angeles
 90033. (213) 224-7051.

WEW TILELET DESIGNOS, TO BE STORE OF THE BEST OF THE STORE OF THE STOR **Brief Summary of Prescribing Info**

Indications and Usage: Management of anxiety disorders or short-term relief of symptoms of anxiety or anxiety associated with depressive symptoms. Anxiety or tension associated with stress of everyday life usually does

Effectiveness in long-term use, i.e., more than 4 months, has not assessed by systematic clinical studies. Reassess periodically

Contraindications: Known sensitivity to benzodiazepines or acute narrow-angle

Warnings: Not recommended in primary depressive disorders or psychoses. As with all CNS-acting drugs, warn patients not to operate machinery or motor vehicles, and of diminished tolerance for alcohol and other CNS depressants.

Physical and Psychological Dependence: Withdrawal symptoms like those noted with barbiturates and alcohol have occurred following abrupt discontinuance of benzodiazepines (including convulsions, tremor, abdominal and muscle cramps, vomiting and sweating). Addiction-prone individuals, e.g. drug addicts and alcoholics, should be under careful surveillance when on benzodiazepines because of their predisposition to habituation and dependence. Withdrawal symptoms have also been reported following abrupt discontinuance of benzodiazepines taken continuously at therapeutic levels for several months

Precautions: In depression accompanying anxiety, consider possibility for suicide.

For elderly or debilitated patients, initial daily dosage should not exceed 2mg to avoid overse-dation. Terminate dosage gradually since abrupt withdrawal of any antianxiety agent may result in symptoms like those being treated: anxiety, agitation, irritability, tension, insomnia and occasional convulsions. Observe usual precautions with impaired renal or hepatic function. Where gastrointestinal or cardiovascular disorders coexist with anxiety, note that lorazepam has not been shown of significant benefit in treating gastrointestinal or cardiovascular component. Esophageal dilation occurred in rats treated with lorazepam for more than 1 year at 6mg/kg/day. No effect dose was 1.25mg/kg/day (about 6 times maximum human therapeutic dose of 10mg/day). Effect was reversible only when treatment was withdrawn within 2 months of first observation. Clinical significance is unknown; but use of lorazepam for prolonged periods and in geriatrics requires caution and frequent monitoring for symptoms of upper G.I. disease. Safety and effectiveness in children under 12 years have not been established.

ESSENTIAL LABORATORY TESTS: Some patients have developed leukopenia; some have had elevations of LDH. As with other benzodiazepines, periodic blood counts and liver function tests are recommended during long-term therapy.

CLINICALLY SIGNIFICANT DRUG INTERACTIONS: Benzodiazepines produce CNS depressant effects when administered with such medications as barbiturates or alcoho

CARCINOGENESIS AND MUTAGENESIS: No evidence of carcinogenic potential emerged in rats during an 18-month study. No studies regarding mutagenesis have been performed

PREGNANCY: Reproductive studies were performed in mice, rats, and 2 strains of rabbits. Occasional anomalies (reduction of tarsals, tibia, metatarsals, malrotated limbs, gast malformed skull and microphthalmia) were seen in drug-treated rabbits without relationship to dosage. Although all these anomalies were not present in the concurrent control group, they have been reported to occur randomly in historical controls. At 40mg/kg and higher, there was evidence of fetal resorption and increased fetal loss in rabbits which was not seen at lower doses. Clinical significance of these findings is not known. However, increased risk of congenital malformations associated with use of minor tranquilizers (chlordiazepoxide, diazepam and meprobamate) during first trimester of pregnancy has been suggested in several studies. Because use of these drugs is rarely a matter of urgency, use of lorazepam during this period should almost always be avoided. Possibility that a woman of child-bearing potential may be pregnant at institution of therapy should be considered. Advise patients if they become pregnant to communicate with their physician about desirability of discontinuing the drug. In humans, blood is from umbilical cord blood indicate placental transfer of lorazepam and its glucuronide

NURSING MOTHERS: It is not known if oral lorazepam is excreted in human milk like other benzodiazepines. As a general rule, nursing should not be undertaken while on a drug since many drugs are excreted in milk.

Adverse Reactions, if they occur, are usually observed at beginning of therapy and generally disappear on continued medication or on decreasing dose. In a sample of about 3,500 anxious patients, most frequent adverse reaction is sedation (15.9%), followed by dizziness (6.9%), weakness (4.2%) and unsteadiness (3.4%). Less frequent are disorientation, depression, nausea, change in appetite, headache, sleep disturbance, agitation, dermatological symptoms, eye function disturbance, various gastrointestinal symptoms and autonomic manifestations. Incidence of sedation and unsteadiness increased with age. Small decreases in blood pressure have been noted but are not clinically significant, probably being related to relief of anxiety.

Overdosage: In management of overdosage with any drug, bear in mind multiple agents may have been taken. Manifestations of overdosage include somnolence, confusion and coma. Induce vomiting and/or undertake gastric lavage followed by general supportive care, monitoring vital signs and close observation. Hypotension, though unlikely, usually may be controlled with Levarterenol Bitartrate Injection U.S.P. Usefulness of dialysis has not be



DOSAGE: Individualize for maximum beneficial effects. Incre when needed, giving higher evening dose before increasing daytime doses. Anxiety, usually 2-3mg/day given b.i.d. or t.i.d.; dosage may vary from 1 to 10mg/day in divided doses. For elderly or debilitated, initially 1-2mg/day; insomnia due to anxiety or transient situational stress, 2-4mg h.s.

HOW SUPPLIED: 0.5, 1.0 and 2.0mg tablets

Wyeth Laboratories Philadelphia, PA 19101

- June 27-July 1-Topics in Emergency Medicine. UCSF at Sheraton at Fisherman's Wharf, San Francisco. Monday-Friday.
- July 2-4-Wilderness and Emergency Medicine White Water Trip. Mercy Medical Center, Redding at Klamath Scott River Canyon. Saturday-Monday. 10 hrs. \$295. Contact: CME Dept., Mercy Medical Center, Clairmont Heights, Redding 96001. (916) 243-2121.
- July 5-10-Topics in Emergency and Wilderness Medicine. Mercy Medical Center, Redding at Trinity Alps. Tuesday-Sunday. 20 hrs. \$395. Contact: CME Dept., Mercy Medical Center, Clairmont Heights, Redding 96001. (916) 243-2121.
- July 15-17-Wilderness and Emergency Medicine White Water Trip. Mercy Medical Center, Redding at Klamath Scott River Canyon. Friday-Sunday. 10 hrs. \$295. Contact: CME Dept., Mercy Medical Center, Clairmont Heights, Redding 96001. (916) 243-2121.
- July 22-24—Wilderness and Emergency Medicine White Water Trip. Mercy Medical Center, Redding at Klamath Scott River Canyon. 10 hrs. Friday-Sunday. \$295. Contact: CME Dept., Mercy Medical Center, Clairmont Heights, Redding 96001. (916) 243-2121.
- July 22-24-Advanced Cardiac Life Support Workshop. Emergency Medical Associates at Ralph K. Davies Medical Center, San Francisco. Friday-Sunday. Contact: EMA, 2310 Mason St., San Francisco 94133. (415) 956-5900.
- July 25-29—Postgraduate Institute for Emergency Physicians, Symposium II. UCSD. Monday-Friday. 33 hrs.
- September 3-5-Wilderness and Emergency Medicine White Water Trip. Mercy Medical Center, Redding at Klamath Scott River Canyon. Saturday-Monday. 10 hrs. \$295. Contact: CME Dept., Mercy Medical Center, Clairmont Heights, Redding 96001. (916) 243-2121.
- September 12-16—Postgraduate Institute for Emergency Physicians, Symposium I. UCSD at Holiday Inn at the Embarcadero, San Diego. Monday-Friday. 33 hrs. \$425.
- September 26-30—Topics in Emergency Medicine. UCSF at Sheraton at the Wharf, San Francisco. Monday-Friday.
- October 3-7-Postgraduate Institute for Emergency Physicians, Symposium III. UCSD at Holiday Inn at the Embarcadero, San Diego. Monday-Friday. 33 hrs. \$425.

MEDICINE

- June 15-17—Arrhythmias and Cardiac Ischemia: Diagnosis and Management. International Medical Education Corporation at Cal-Neva Hotel, Lake Tahoe. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.
- June 23-25-Management of Acute Myocardial Infarction. American College of Chest Physicians at St. Francis Hotel, San Francisco. Thursday-Saturday. Contact: Dale Braddy, Director of Ed., ACCP, 911 Busse Hwy., Park Ridge, IL 60068.
- June 24-26—Clinical Management of Coronary Disease and Dual-Mode Exercise Testing. International Medical Education Corporation at Islandia Hyatt, San Diego. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.
- July 9-10—MKSAP VI Review Course—Internal Medicine Review Part III. American College of Physicians and UCLA at UCLA. Saturday-Sunday. 12 hrs. \$160.
- July 13-Chronic Obstructive Pulmonary Disease: How to Live a Better Life. LLU. Wednesday. \$50.
- July 15-17—Arrhythmias and Cardiac Ischemia: Diagnosis and Management. International Medical Education Corporation at

(Continued on Page 810)

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DURICEF (CEFADROXIL)

INDICATIONS: DURICEF (cefadroxil) is indicated for the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Urinary tract infections caused by E. Coli, P. mirabilis, and Klebsiella species.

Skin and skin structure infections caused by staphylococci and/or streptococci Skin and skin structure intections caused by staphylococci and/or streptococci.

Pharyngitis and tonsillitis caused by Group A beta-hemolytic streptococci. (Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. DURICEF is generally effective in the eradication of streptococci from the nasopharynx; however, substantial data establishing the efficacy of DURICEF in the subsequent prevention of rheumatic fever are not available at present.)

Note — Culture and susceptibility tests should be initiated prior to and during therapy. Renal function studies should be performed when indicated.

CONTRAINDICATION: DURICEF (cefadroxil) is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

the cephalosporin group of antibiotics.

WARNING: IN PENICILLIN-ALLERGIC PATIENTS, CEPHALOSPORIN ANTIBIOTICS
SHOULD BE USED WITH GREAT CAUTION. THERE IS CLINICAL AND LABORATORY
EVIDENCE OF PARTIAL CROSS-ALLERGENICITY OF THE PENICILLINS AND THE
CEPHALOSPORINS, AND THERE ARE INSTANCES OF PATIENTS WHO HAVE HAD REACTIONS TO BOTH DRUGS (INCLUDING FATAL ANAPHYLAXIS AFTER PAREN-TERAL USE).

Any patient who has demonstrated a history of some form of allergy, particularly to drugs, should receive antibiotics cauliously and then only when absolutely necessary. No exception should be made with regard to DURICEF (cefadroxil). Pseudomembranous colitis has been reported with the use of cephalosporins (and other broad spectrum antibiotics); therefore, it is important to consider use of cephralosis plantents who develop diarrhea in association with antibiotic use. Treatment with broad spectrum antibiotics alters normal flora of the colon and may permit overgrowth of clostridia. Studies indicate a toxin produced by *Clostridium difficiel* is one primary cause of antibiotic-associated colitis. Cholestyramine and colestipol resins have been shown to bind the toxin *in vitro*. Mild cases of colitis may respond to drug discontinuance alone. Moderate to severe cases should be managed with fluid, electrolyte and protein supplementation as indicated. When the colitis is not relieved by drug discontinuance or when it is severe, oral vancomycin is the treatment

contribute the parties of the patient treated with the usual agents (e.g., epinephrine or other executions of the patient treated with the usual agents (e.g., epinephrine or other executions).

pressor amines, antihistamines, or corticosteroids).

DURICEF (cefadroxil) should be used with caution in the presence of markedly impaired renal Dunicer (ceation) should be used with caution in the presence or inakeuty imparted rehal function (creatinine clearance rate of less than 50 m/min/173 M*). (See Dosage and Administration.) In patients with known or suspected renal impairment, careful clinical observation and appropriate laboratory studies should be made prior to and during therapy. Prolonged use of DURICEF may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate

reasures should be taken.

Positive direct Coombs tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross-matching procedures when antiglobulin tests outs. In hematologic studies or in transfusion cross-matering procedures when antiglobulin tests are performed on the minor side or in Coombs testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs test may be due to the drug. DURICEF should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.

USAGE IN PREGNANCY: Pregnancy Category B—Reproduction studies have been performed in mice and rats at doses up to 11 times the human dose and have revealed no evidence of impaired fertility or harm to the fetus due to cefadroxil. There are, however, no adequate and well controlled studies in gregnant women. Recause animal reproduction studies are not always predictions studies are not always predictions.

controlled studies in pregnant women. Because animal reproduction studies are not always predic-tive of human response, this drug should be used during pregnancy only if clearly needed. Nursing Mothers — Caution should be exercised when cefadroxil is administered to a nursing

ADVERSE REACTIONS: Gastrointestinal — Symptoms of pseudomembranous colitis can appear during antibiotic treatment. Nausea and vomiting have been reported rarely. Hypersensitivity—Allergies (in the form of rash, urticaria, and angioedema) have been

observed. These reactions usually subsided upon discontinuation of the drug. Other reactions have included genital pruritus, genital moniliasis, vaginitis, and moderate transient

DOSAGE AND ADMINISTRATION: DURICEF (cefadroxil) is acid stable and may be administered orally without regard to meals. Administration with food may be helpful in diminishing potential gastrointestinal complaints occasionally associated with oral cephalosporin therapy.

Adults—Urinary Tract Infections: For uncomplicated lower urinary tract infections

(i.e. cystitis) the usual dosage is one or two grams per day in single (q.d.) or divided doses

For all other urinary tract infections the usual dosage is two grams per day in divided doses

Skin and Skin Structure Infections: For skin and skin structure infections the usual dosage is one gram per day in single (q.d.) or divided doses (b.i.d.).

Pharyngitis and Tonsillitis: Treatment of Group A beta-hemolytic streptococcal pharyngitis

and tonsillitis—one gram per day in divided doses (b.i.d.) for ten days.

Children—The recommended daily dosage for children is 30 mg/kg/day in divided doses every

Child's Weight				
lbs	kg	125 mg/5 ml	250 mg/5 ml	500 mg/5 ml
10	4.5	½ tsp b.i.d.		
20	9.1	1 tsp b.i.d.	½ tsp b.i.d.	
30	13.6	11/2 tsp b.i.d.	34 tsp b.i.d.	
40	18.2	2 tsp b.i.d.	1 tsp b.i.d.	1/2 tsp b.i.d.
50	22.7	21/2 tsp b.i.d.	11/4 tsp b.i.d.	34 tsp b.i.d.

In the treatment of beta-hemolytic, streptococcal infections, a therapeutic dosage of Duricef

should be administered for at least ten days.

In patients with renal impairment, the dosage of celadroxil should be adjusted according to creatinine clearance rates to prevent drug accumulation. The following schedule is suggested. In adults, the initial dose is 1000 mg of DURICEF (celadroxil) and the maintenance dose (based on the creatinine clearance rate [ml/min/1.73 M²]) is 500 mg at the time intervals listed below

Creatinine Clearances	Dosage Interval	
0/10 ml/min	36 hours	
10-25 ml/min	24 hours	
25-50 ml/min	12 hours	

Patients with creatinine clearance rates over 50 ml/min may be treated as if they were patients having normal renal function

naving normal renal function. **HOW SUPPLIED:** Oral Suspension: 125 mg/5 ml and 250 mg/5 ml, 50 ml and 100 ml bottles; 500 mg/5 ml, 100 ml bottles. 500 mg capsules: bottles of 24, 100 and in 10 strips of 10 individually labeled blisters each containing 1 capsule. 1 gm tablets: bottles of 24, 100 and in 10 strips of 10 individually labeled blisters each containing 1 tablet.

U.S. Patent Re 29,164

MBS DITSON PHARMACEUTICAL DIVISION

MJL 2-4780

Cal-Neva Hotel, Lake Tahoe. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

- July 16-23-31st Annual Intensive Review of Internal Medicine. USC at Pasadena Hilton Hotel, Pasadena. One week. 69 hrs. \$475.
- July 23-24—Diagnostic Medical Mycology. UCLA Extension Dept. at Center for Health Sciences, UCLA. Saturday-Sunday. 30 hrs. \$250/2 days, \$150/1 day. Contact: Health Sciences, UCLA Extension, P.O. Box 24901, Los Angeles 90024. (213) 825-8421.
- July 29-31-Clinical Management of Coronary Disease and Dual-Mode Exercise Testing. International Medical Education Corporation at Sheraton at the Wharf, San Francisco. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.
- July 30-Practical Cardiology for the Primary Care Physician. UCLA Extension Dept. of CME at A-660 Factor Auditorium, UCLA, Thursday. 7.5 hrs. \$140. Contact: Health Sciences. UCLA Extension, P.O. Box 24901, Los Angeles 90024. (213) 825-7527.
- July 31-August 3-Rheumatology for the Clinician. UCD at Hyatt Del Monte, Monterey. Sunday-Wednesday.
- August 5-7—La Jolla Summer Conference on Allergy, Immunology, and Rheumatology: 1983 Updates. Scripps Clinic and Research Foundation at La Jolla Museum of Contemporary Art, La Jolla. Friday-Sunday. 16 hrs. \$185. Contact: Dianne Tisue, Scripps Clinic and Research Fndn., 10666 N. Torrey Pines Rd., La Jolla 92037. (619) 457-8556.
- August 5-7—Ambulatory Electrocardiography: Clinical Applications, Methodology and Interpretation. International Medical Education Corporation at Doubletree Inn, Monterey. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.
- August 7-12—Current Concepts in Cardiology. UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday.
- August 12-14—Arrhythmias and Cardiac Ischemia: Diagnosis and Management. International Medical Education Corporation at Newporter Inn, Newport Beach. Friday-Sunday. 13 hrs. \$260. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651,
- August 15-20-Marble Mountain Medical Conference: A Sports Medicine Conference. Siskiyou General Hospital at Abbots Meadows, Marble Mts., Yreka. Monday-Saturday. 20 hrs. \$500. Contact: Daniel Williams, Jr, MD, 746 S. Main St., Yreka 96097. (916) 842-4381.
- August 16—Critical Aspects of Managing the CAPD Patient. UCLA at Miramar-Sheraton Hotel, Santa Monica. Tuesday. 6 hrs. \$45.
- August 25-26—ID of Proficiency Testing Moulds. UCSF. Thursday-Friday.
- September 7-9-Monoclonal Antibodies. UCD at Hyatt, San Francisco. Wednesday-Friday.
- September 9-10—Pulmonary Diseases Symposium. Sutter Community Hospitals at Downtown Holiday Inn, Sacramento. Friday-Saturday. Contact: Gordon A. Wong, MD, 3000 L St., Ste. 200, Sacramento 95816.
- September 14-17—Critical Care Medicine. UCSF. Wednesday-Saturday.
- September 23-24—Advances in Heart Disease, Aging, Diabetes and Cancer. UCLA at Beverly Hilton Hotel, Los Angeles. Friday-Saturday.
- September 23-24—Frontiers in Longevity Research. UCLA Extension at Grand Ballroom, Beverly Hilton Hotel, Beverly

(Continued on Page 814)

Mead Johnson & Company • Evansville, Indiana 47721 USA

(Continued from Page 810)



DESCRIPTION: Each capsule-shaped tablet of ZORPRIN contains 800 mg of acetylsalicylic acid (aspirin), formulated in a special matrix to control the release rate of aspirin after ingestion. The controlled availability of aspirin provided by ZORPRIN approximates zero-order release: the in vitro release of aspirin from the tablet matrix is linear and independent of the concentration of the drug. ■ INDICATIONS ASSISTED ASSISTE

Pioneers in medicine for the family



Boots Pharmaceuticals, Inc.

6540 LINE AVENUE, P.O. BOX 6750 SHREVEPORT, LOUISIANA 71106-9989

- Hills. Friday-Saturday. 16 hrs. \$195. Contact: Health Sciences, UCLA Extension, P.O. 24901, Los Angeles 90024. (213) 825-8421.
- September 23-25—New Frontiers in Allergy and Asthma. Redwood Empire Chapter of Asthma and Allergy Foundation of America at Flamingo Hotel, Santa Rosa. Friday-Sunday. \$200. Contact: Daniel S. Tuft, MD, 1128 Sonoma Ave., Santa Rosa 95405. (707) 527-0616.
- September 27-28—51st Annual Fall Symposium and 16th Annual George C. Griffith Lecture. American Heart Association, Greater Los Angeles Affiliate in Los Angeles. Tuesday-Wednesday. 10 hrs. Members, \$128; Nonmembers, \$150. Contact: Marilyn Cowan, Program Associate, 2405 West 8th St., Los Angeles 90057. (213) 385-4231, ext. 59.
- September 29-October 2—American Society of Internal Medicine Annual Meeting at Hyatt Embarcadero, San Francisco. Thursday-Sunday. Contact: W. R. Ramsey, 1101 Vermont Ave., Ste. 500, Washington, DC 20005.
- September 30-October 2—3rd Annual 2-D and Doppler Echocardiography. Johns Hopkins University School of Medicine and the Institute for Medical Studies in Las Vegas. Friday-Sunday. 18 hrs. \$395. Contact: Kim Stroich, IMS, 14761 Franklin Ave., Ste. A, Tustin 92680. (714) 832-2650.
- October 1—Dermatologic Allergy 1983: State of the Art. Los Angeles Society of Allergy & Clinical Immunology at Beverly Wilshire Hotel, Beverly Hills. Saturday. Contact: Geri Coldewey, LASACI, 1626 N. Wilcox, #557, Hollywood 90028.
- October 8-9—Skin Signs of Systemic Disease. UCSF. Saturday-Sunday. 10 hrs. \$125.
- October 8-10—Cardiology Study Retreat. UCSF at Yosemite. Saturday-Monday.
- October 12—Neurologic Applications of Hyperbaric Oxygen. Sutter Comunity Hospitals at Beverly Garland Motor Lodge, Sacramento. Wednesday. Contact: Gordon A. Wong, MD, 3000 L St., Ste. 200, Sacramento 95816.
- October 14-15—Mycology Review. STAN. Friday-Saturday. 14 hrs. \$100/day.
- October 20-21—Allergy and Immunology. UCSF. Thursday-Friday. 13 hrs. \$160.
- October 21-23—Practical Gastroenterology & Flexible Sigmoidoscopy. UCSD at Vacation Village, San Diego. Friday-Sunday. 20 hrs. \$275.
- October 23-28—Annual Scientific Meeting and Postgraduate Course. American College of Gastroenterology at The Biltmore, Los Angeles. Sunday-Friday. 17 hrs. Contact: Gardner-McCormick, Exec. Dir., ACG, 13 Elm St., Manchester, MA 01944.

OBSTETRICS AND GYNECOLOGY

- July 21-23—Gynecologic Oncology. See Cancer, July 21-23.
- August 4-6—Common Problems in Obstetrics. American College of Obstetrics and Gynecology at Hyatt Lake Tahoe, Incline Village. Thursday-Saturday. 16 hrs. \$275. Contact: Patience Schenk, Administrator, 600 Maryland Ave. S.W., Washington, DC 20024. (202) 638-5577.
- August 6-12—Reproductive Endocrinology, Infertility and Contraception. USC at Royal Lahaina Hotel, Maui. Saturday-Friday. 21½ hrs. \$425.
- August 15-21—Outpatient Gynecology Review: An Epic Medical Expedition. American Institute of Primary Care Medicine & the University of Ariz., College of Medicine at Middle Fork of the Salmon River, Idaho. Monday-Sunday. 24 hrs. Contact: Richard Paris, MD, (208) 788-4995.

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- September 15-Menstrual Irregularities. LLU. Thursday. \$50.
- October 7-9-Advanced Fetal Heart Rate Monitoring. UCI and Memorial Hospital Medical Center at Holiday Inn, Napa Valley. Friday-Sunday. 11 hrs.
- October 17-22-Review Course in Clinical Obstetrics and Gynecology and Gynecological Histopathology. UCI and Memorial Hospital Medical Center at Sheraton Newport, Newport Beach, Monday-Saturday, 46 hrs.
- October 31-November 4-13th Annual Review Course in Gynecology and Obstetrics. USC at Pasadena Hilton Hotel, Pasadena. Monday-Friday.

PEDIATRICS

- July 14-16—Practical Aspects of Adolescent Health Care. UCSD at Islandia Hyatt Hotel, San Diego. Thursday-Saturday. Contact: Marianne Felice, MD, UCSD. (619) 294-3601.
- September 28-29—40th Annual Brennemann Memorial Lecture. Los Angeles Pediatric Society in Los Angeles. Wednesday-Thursday. Contact: Eve Black, Exec. Sec., P.O. Box 2022, Inglewood 90305. (213) 757-1198.
- October 22-27—American Academy of Pediatrics Scientific Meeting. AAP at San Francisco Hilton. Sunday-Thursday. Contact: AAP, 1801 Hinman Ave., Evanston, IL 60204.

PSYCHIATRY

- June 17-18—Family Violence and Violent Interactions. Mental Research Institute, Palo Alto. Friday-Saturday. 6 hrs. \$65. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- June 20-24—Annual Conference on Current Treatment Issues -Psychiatry. USC at Vacation Village, San Diego. Monday-Friday, 30 hrs. \$350.
- June 23-September 8—Alcohol/Drug Counseling Field Placement. UCLA Ext. at Neuropsychiatric Institute, UCLA. Thursday. 3 hrs. \$150. Contact: UCLA Extension Dept. of CME in Health Sciences, (213) 825-8421.
- June 25-Interactional Aspects of Chronic Physical Pain. Mental Research Institute, Palo Alto. Saturday. 5 hrs. \$60. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- July 11-15-Divorce Mediation. Mental Research Institute, Palo Alto, Monday-Friday, 20 hrs. \$195. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- July 23-Interactional Treatment of Eating Disorders. Mental Research Institute, Palo Alto. Saturday. 7 hrs. \$95. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- July 25-27—Sexually Traumatized Adults, Children and Adolescents. Mental Research Institute, Palo Alto. Monday-Wednesday. 9 hrs. \$90. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- July 25-28—Brief Therapy. Mental Research Institute, Palo Alto. Monday-Thursday. 15 hrs. \$175. Contact: Training Programs, MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- July 29-30-6th Biennial MRI Conference. Mental Research Institute at Miyako Hotel, San Francisco. Friday-Saturday. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.
- August 13-20—The Development of the Able Mind. Southern California Neuropsychiatric Institute at Mauna Kea Beach

(Continued on Page 820)

Neterorces:

 Stone PH, Turi ZG, Muller JE: Efficacy of nifedipine therapy for refractory angina pectoris. Am Heart J 104:672-681, September 1982.
 Antman E, Muller J, Goldberg S, et al: Nifedipine therapy for coronary-artery spasm: Experience in 127 patients. N Engl J Med 302:1269-1273, June 5, 1980.

BRIEF SUMMARY
PROCARDIA*(nifedipine) CAPSULES

PROCARDIA* (nifedipine) CAPSULES

For Oral Use

INDICATIONS AND USAGE: 1. Vasospastic Angina: PROCARDIA (nifedipine) is indicated for the

management of vasospastic angina confirmed by any of the following criteria: 1) classical pattern

of angina at rest accompanied by ST segment elevation, 2) angina or coronary artery spasm provoked by ergonovine, or 3) angiographically demonstrated coronary artery spasm. In those patients
who have had angiography, the presence of significant fixed obstructive disease is not incompatible
with the diagnosis of vasospastic angina, provided that the above criteria are satisfied, PROCARDIA

may also be used where the clinical presentation suggests a possible vasospastic component but
where vasospasm has not been confirmed, e.g., where pain has a variable threshold on exertion or
in unstable angina where electrocardiographic findings are compatible with intermittent vasospasm, or when angina is refractory to nitrates and/or adequate doses of beta blockers.

II. Chronic Stable Angina (Classical Effort-Associated Angina): PROCARDIA is indicated for
the management of chronic stable angina (effort-associated angina) without evidence of vasospasm
in patients who remain symptomatic despite adequate doses of beta blockers and/or organic nitrates
or who cannot tolerate those agents.

In chronic stable angina (effort-associated angina) PROCARDIA has been effective in controlled
trials of up to eight weeks duration in reducing angina frequency and increasing exercise tolerance.

trials of up to eight weeks duration in reducing angina frequency and increasing exercise tolerance, but confirmation of sustained effectiveness and evaluation of long-term safety in those patients are

incomplete.

Controlled studies in small numbers of patients suggest concomitant use of PROCARDIA and beta blocking agents may be beneficial in patients with chronic stable angina, but available information is not sufficient to predict with confidence the effects of concurrent treatment, especially in patients with compromised left ventricular function or cardiac conduction abnormalities. When introducing such concomitant therapy, care must be taken to monitor blood pressure closely since severe hypotension can occur from the combined effects of the drugs. (See Warnings.) CONTRAÍNDICATIONS: Known hypersensitivity reaction to PROCARDIA.

WARNINGS: Excessive Hypotension: Although in most patients, the hypotensive effect of PROCARDIA is modest and well tolerated, occasional patients have had excessive and poorly tolerated hypotension. These responses have usually occurred during initial titration or at the time of subsequent upward dosage adjustment, and may be more likely in patients on concomitant beta blockers.

subsequent upward dosage adjustment, and may be more likely in patients on concomitant beta blockers.

Severe hypotension and/or increased fluid volume requirements have been reported in patients receiving PROCARDIA together with a beta blocking agent who underwent coronary artery bypass surgery using high dose fentanyl anesthesia. The interaction with high dose fentanyl appears to be due to the combination of PROCARDIA and a beta blocker, but the possibility that it may occur with PROCARDIA alone, with low doses of fentanyl, in other surgical procedures, or with other narcotic analgesics cannot be ruled out. In PROCARDIA treated patients where surgery using high dose fentanyl anesthesia is contemplated, the physician should be aware of these potential problems and, if the patient's condition permits, sufficient time (at least 36 hours) should be allowed for PROCARDIA to be washed out of the body prior to surgery.

Increased Anglina: Occasional patients have developed well documented increased frequency, duration or severity of angina on starting PROCARDIA or at the time of dosage increases. The mechanism of this response is not established but could result from decreased cornary perfusion associated with decreased diastolic pressure with increased heart rate, or from increased demand resulting from increased heart rate alone.

Beta Blocker Withdrawal: Patients recently withdrawn from beta blockers may develop a withdrawal syndrome with increased angina, probably related to increased sensitivity to catecholamines. Initiation of PROCARDIA treatment will not prevent this occurrence and might be expected to exacerbate it by provoking reflex actecholamine release. There have been occasional reports of increased angina in a setting of beta blocker withdrawal and PROCARDIA initiation. It is important to taper beta blockers if possible, rather than stopping them abruptly before beginning PROCARDIA.

Congestive Heart Fallure: Rarely, patients, usually receiving a beta blocker, have developed heart failure after beginning PROCARDIA. Patients with tight aortic stenosis may be at greater risk for

Congestive Heart Failure: Asily, patients, subally receiving a beta locker, have beet risk for such an event.

PRECAUTIONS: General: Hypotension: Because PROCARDIA decreases peripheral vascular resistance, careful monitoring of blood pressure during the initial administration and titration of PROCARDIA is suggested. Close observation is especially recommended for patients already taking medications that are known to lower blood pressure. (See Warnings.)

Peripheral edema: Mild to moderate peripheral edema, typically associated with arterial vasodilation and not due to left ventricular dysfunction, occurs in about one in ten patients treated with PROCARDIA. This edema occurs primarily in the lower extremities and usually responds to diuretic therapy. With patients whose angina is complicated by congestive heart failure, care should be taken to differentiate this peripheral edema from the effects of increasing left ventricular dysfunction. Drug Interactions: Beta-adrenergic blocking agents: (See Indications and Warnings.) Experience in over 1400 patients in a non-comparative clinical trial has shown that concomitant administration of PROCARDIA and beta-blocking agents is usually well tolerated, but there have been occasional interature reports suggesting that the combination may increase the likelihood of congestive heart failure, severe hypotension or exacerbation of angina.

Long-acting nitrates: PROCARDIA may be safely co-administered with nitrates, but there have been no controlled studies to evaluate the antianginal effectiveness of this combination.

Digitalis: Administration of PROCARDIA may be safely co-administered with nitrates, but there have been no controlled studies to evaluate the antianginal effectiveness of this combination.

Digitalis: Administration of PROCARDIA with digoxin increased digoxin levels in nine of twelve normal volunteers. The average increase was 45%. Another investigator found no increase in digoxin levels is no nine of twelve more accombination of the process of the process of p

dipine caused reduced fertility at a dose approximately 30 times the maximum recommended human dose.

Pregnancy: Category C. Please see full prescribing information with reference to teratogenicity in rats, embryotoxicity in rats, mice and rabbits, and abnormalities in monkeys.

ADVERSE REACTIONS: The most common adverse events included dizziness or light-headedness, peripheral edema, nausea, weakness, headache and flushing each occurring in about 10% of patients, transient hypotension in about 5%, palpitation in about 2% and syncope in about 0.5%. Syncopal episodes did not recur with reduction in the dose of PROCARDIA or concomitant antianginal medication. Additionally, the following have been reported: muscle cramps, nervousness, dyspnea, nasal and chest congestion, diarrhea, constipation, inflammation, joint stiffness, shakiness, sleep disturbances, blurred vision, difficulties in balance, dermatitis, pruritus, urticaria, fever, sweating, chills, and sexual difficulties. Very rarely, introduction of PROCARDIA therapy was associated with an increase in anginal pain, possibly due to associated hypotension.

In addition, more serious adverse events were observed, not readily distinguishable from the natural history of the disease in these patients. It remains possible, however, that some or many of these events were drug related. Myocardial infarction occurred in about 4% of patients and congesive heart failure or pulmonary edema in about 2%. Ventricular arrhythmias or conduction disturbances each occurred in fewer than 0.5% of patients.

Laboratory Tests: Rare, mild to moderate, transient elevations of enzymes such as alkaline phosphatase, CPK, LDH, SGOT, and SGPT have been noted, and a single incident of significantly elevated transaminases and alkaline phosphatase was seen in a patient with a history of gall bladder disease after about eleven months of nifedipine therapy. The relationship to PROCARDIA therapy is uncertain. These laboratory abnormalities have rarely been associated with clinical symptoms. Cho

ilterature.

HOW SUPPLIED: Each orange, soft gelatin PROCARDIA CAPSULE contains 10 mg of nifedipine.

PROCARDIA CAPSULES are supplied in bottles of 100 (NDC 0069-2600-66), 300 (NDC 0069-2600-72), and unit dose (10x10) (NDC 0069-2600-41). The capsules should be protected from light and moisture and stored at controlled room temperature 59° to 77°F (15° to 25°C) in the manufacturer's original container.

More detailed professional information available on request.



Motrin® Tablets (ibuprofen)

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to *Motrin* Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and G1 bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use Motrin Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If Motrin Tablets are used, observe the patient closely for signs of ulcer perforation or G1 bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with *Motrin* Tablets

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue *Motrin* Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with *Motrin* Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of *Motrin* Tablets safety in patients with chronic renal failure have not been done.

Motrin Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when Motrin Tablets are added

The antipyretic, anti-inflammatory activity of *Motrin* Tablets may mask inflammation and fever. As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), *Motrin* should be discontinued.

Drug interactions. Aspirin: used concomitantly may decrease *Motrin* blood levels. *Cournarin*: bleeding has been reported in patients taking *Motrin* and cournarin.

Pregnancy and nursing mothers: Motrin should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with *Motrin* is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); Central Nervous System: Dizziness,* headache, nervousness; Dermatologic: Rash* (including maculopapular type), pruritus; Special Senses: Tinnitus; Metabolic/Endocrine: Decreased appetite; Cardiovascular: Edema, fluid retention (generally responds promptly to drug discontinuation: see PRECAUTIONS).

Incidence less than 1%-Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; Central Nervous System: Depression, insomnia, confusion, emotional lability, somnolence, aseptic menigitis with fever and coma; Dermatologic: Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; Special Senses: Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); Hematologic: Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; Cardiovascular: Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; Allergic: Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); Renaic Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; Miscellaneous: Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%-Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; Central Nervous System: Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; Dermatologic: Toxic epidermal necrolysis, photoallergic skin reactions; Special Senses: Conjunctivitis, diplopia, optic neuritis; Hematologic: Bleeding episodes (e.g., epistaxis, menorrhagia); Metabolic/Endocrine: Gynecomastia, hypoglycemic reactions; Cardiovascular: Arrhythmias (sinus tachycardia, sinus bradycardia); Allergic: Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; Renal: Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with *Motrin*. (Those reactions occurring in less than 3% of the patients are unmarked.)

***Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

Caution: Federal law prohibits dispensing without prescription.

Motrin is a registered trademark of The Upjohn Manufacturing Company M, Barceloneta, Puerto Rico

MED B-7-S

Upjohn

Hotel, Hawaii. One week. 30 hrs, Contact: Gail Waldron, MD, Program Dir., SCNPI, 6794 La Jolla Bivd., La Jolla 92037. (619) 454-2102.

October 26-30—American Academy of Child Psychlatry. San Francisco. Wednesday-Sunday. Contact: V. Q. Rausch, 1424 16th St., NW, Ste. 201A, Washington, DC 20036.

RADIOLOGY AND PATHOLOGY

July 9-16—Updates in Trauma Radiology: An Epic Medical Expedition. American Institute of Primary Care Medicine & The University of Arizona, College of Medicine at Green River Desolation Canyon, Utah. 24 hrs. Contact: Richard Paris, MD, (208) 788-4995.

July 31-August 5—21st Annual Postgraduate Course in Dermal Pathology. UCI at Newporter Resort, Newport Beach, Sunday-Friday, 40 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801. (213) 595-3823.

August 10—Breast Diseases: Use and Abuse of Imaging Procedures. LLU. Wednesday. \$50.

August 22-25—Radiology of the Abdomen Including the Gastrointestinal and Genitourinary Tract. UCSD at Hotel Del Coronado and Disneyland Hotel, Anaheim. Monday-Friday. 25 hrs. \$410. Contact: Mary J. Ryals, Course Coordinator, P.O. Box 61203, DFW Airport, TX 75261.

August 29-31—Napa Valley Radiology Conference. Sacramento Radiology Research and Education Foundation and Northern California Radiological Society in Napa Valley. Monday-Wednesday. 18 hrs. \$300. Contact: Michael H. Reid, PhD, MD, Program Director, Sacramento Radiology Research and Education Foundation, P.O. Box 19184, Sacramento 95819.

September 24—First Annual Frontiers in Alzheimer's Disease. UCSD. Saturday. 7 hrs. \$100.

October 7-9—CT of Lumbar Spine. UCSF at Fairmont Hotel, San Francisco. Friday-Sunday.

October 8—Clinical Ultrasound—Small Parts and the Abdomen. Sacramento Radiology and Education Foundation and the Northern California Radiological Society. Saturday. 6 hrs. \$75. Contact: J. P. McGahan, MD, Program Director, Sacramento Radiology Research and Education Foundation, P.O. Box 19184, Sacramento 95819.

October 9-13—Body Imaging Conference. West Park Hospital at Maui Surf Hotel, Maui. Sunday-Thursday. 28 hrs. \$395. Contact: Conference Secretary, 8th Annual International Body Imaging Conference, Dept. of Radiology, West Park Hospital, 22141 Roscoe Blvd., Canoga Park (213) 340-0580.

October 19-21—International Symposium on Medical Virology.
UCI at Disneyland Hotel, Anaheim. Wednesday-Friday.
1834 hrs. Contact: Luis M. de la Maza, MD, Dept. of
Pathology, UCI.

October 24-27—8th Annual San Diego Postgraduate Radiology Course. UCSD at Hotel del Coronado, Coronado. Monday-Thursday. 37½ hrs. \$400.

SURGERY

June 16-18—Cosmetic Blepharoplasty Workshop. Jules Stein Bye Institute, Los Angeles. Thursday-Saturday. Contact: Lu Hendricks, JSEI, UCLA Sch. of Med., Ctr. for Health Sciences, Los Angeles 90024. (213) 825-4617.

June 18—Lasers in Neurosurgery, Orthopedics and Otolaryngology/Head and Neck Surgery. O'Connor Hospital, San Jose. Saturday. 5 hrs. \$175. Contact: Mansfield F. W. Smith, MD, Ear Medical Clinic, 2120 Forest Ave., San Jose 94128.



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Bauer, Herbert, Davis, Calif(Apr)	575	Flournoy, D. J., Oklahoma City(Mar)	
Baur, Ernst W., Tacoma, Wash(Apr)		Fox, E. R. W., Coeur d'Alene, Idaho	
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Becker, Bruce E., Eugene, Ore(Jan)	107	Freeman, Geraldine L., Tucson(Jun)	829
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Beeson, Paul B., Redmond, Wash(Feb)	254	Gabay, Elizabeth L., Los Angeles(Jan)	47
Benowitz, Neal, San Francisco(Mar)	423	Garfin, Steven R., San Diego(Mar)	425
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Bova, Charles M., Albuquerque(Jan)		Goldstein, Elliot, Davis, Calif(Jan)	55
Brown, Charles G., Baltimore(Apr)		Goldstein, Jay A., Anaheim Hills, Calif(Feb)	270
Brown, Dennis, Los Angeles(Jan)		Gordon, Geoffrey H., Long Beach, Calif(Jan)	109
Brown, James K., San Francisco(Apr)	546	Goscienski, Philip, San Diego(Jan)	70
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Closson, Richard G., San Francisco(Jan)		Hill, David M., Denver(Jan)	
Coe, Fredric L., Chicago(Apr)		Hilton, Saskia, San Diego(Jan)	70
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Counsellor, Aleksandra, Albuquerque(Jan)		Hoffman, Jerome R., Los Angeles(Apr)	
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Kassel, Stephen H., Fresno, Calif(Feb)	260	Nakada, Tsutomu, Martinez, Calif(Mar) 37	1
Kaufmann, Paul, San Francisco(Apr)	575	Nappi, Jean M., Salt Lake City(Jan) 9	
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- June 18-19—Ender Nailing: An Intensive Motor Skills "Hands On" Course. UCD. Saturday-Sunday. 13 hrs.
- June 22-24—10th Annual Conference: Cochlear Implants. UCSF. Wednesday-Friday.
- June 23-24—4th Annual Trauma Seminar. Charles R. Drew Postgraduate Medical School at Disneyland Hotel, Anaheim. Thursday-Friday. 17 hrs. \$150. Contact: S. Balasubramaniam, MD. (213) 603-4510.
- August 17-21—UCLA Advanced Seminar in Urology. UCLA at Ojai Valley Inn, Ojai. Wednesday-Sunday. 19 hrs. \$275.
- August 27—Neodymium Yag Laser Course. Jules Stein Eye Institute, Los Angeles. Saturday. \$200. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.
- September 11-23—Temporal Bone Surgical Dissection—1983. House Ear Institute, Los Angeles. Two weeks. 100 hrs. \$1,500. Contact: Antonio De la Cruz, MD, Director—TBSDC, HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.
- September 21-24—New Developments in Reconstructive Surgery of the Extremities: Course, Demonstration and Bioskills

 Labs. UCLA. Wednesday-Saturday.
- September 22-24—Prostatic Carcinoma Update. American Urological Association at Biltmore, Los Angeles. Thursday-Saturday. 19 hrs. Contact: Alice Henderson, Office of Ed., AUA, P.O. Box 25147, Houston, TX 77265. (713) 790-6070.
- September 22-24—Refractive Keratoplasty and Radial Keratotomy Workshop. Jules Stein Eye Institute, Los Angeles. Thursday-Saturday. \$1,500. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.
- September 23-24—Advances in Surgical & Vocal Management of the Laryngectomized Patient. American Cancer Society at Holiday Inn Embarcadero, San Diego. Friday-Saturday. 12.5 hrs. \$125. Contact: Gary Fenton, MS, Director of Education, 2251 San Diego Ave., B-150, San Diego (619) 299-4200.
- September 28-October 1—Facial Aesthetic Surgery. UCSF at Stanford Court, San Francisco. Monday-Saturday.
- September 30-October 1—Ophthalmology Update on Basic Sciences for the Clinician. UCD, PMC, UCSF and STAN at San Franciscan Hotel, San Francisco. Friday-Saturday. 13 hrs. \$325. Contact: Update, 3910 Sand Hill Rd., Woodside 94062. (415) 563-4321, ext. 2763.
- October 3-7—Vascular Surgery Board Certification Review. UCLA at Beverly Hilton, Beverly Hills. Monday-Friday. \$550.
- October 6-8—Cosmetic Blepharoplasty Workshop. Jules Stein Eye Institute, Los Angeles. Thursday-Saturday. \$750. Contact: Lu Hendricks, Academic Program Admin., JSEI, UCLA School of Medicine, Center for the Health Sciences, Los Angeles 90024.
- October 7-8—Advanced Annual Seminar in Urologic Surgery. UCSF at Golden Gateway Holiday Inn, San Francisco. Friday-Saturday.
- October 8-15—5th International Seminar on Operative Arthroscopy. UCLA Extension Dept. of CME and University of Hawaii at Manoa College and Burns School of Medicine at Maui Marriott Resort, Maui. 30 hrs. \$825 w/lab, \$725 w/out. Contact: Health Sciences, UCLA Extension, P.O. Box 24901, Los Angeles 90024. (213) 825-8421.
- October 14-16—Traumatic Brain Injury: 1983. UCD at Holiday Inn Holidome, Sacramento. Friday-Sunday.
- October 21-23—American Academy of Facial, Plastic and Reconstructive Surgery Annual Meeting. California Convention

- Center, Anaheim. Friday-Sunday. Contact: Lee VanBremen, Exec. V.P., 1101 Vermont Ave., NW Ste 304, Washington, DC 20005.
- October 23-27—The American Academy of Otolaryngology—Head and Neck Surgery Inc., Annual Meeting. AAO at Anaheim. Sunday-Thursday. \$10/hr. Contact: L. Douglas Cox, Dir. Meeting/Expeditions, 1101 Vermont Ave., NW, Washington, DC 20005. (202) 289-4607.

OF INTEREST TO ALL PHYSICIANS

- June 17—Colon Cancer Screening Workshops. American Cancer Society, California Division at Holiday Inn, Union Square, San Francisco. Friday. 7 hrs. \$100. Contact: J. Shiller, CME Associates, P.O. Box 84206, San Diego 92138. (619) 223-2997.
- June 18—Colon Cancer Screening Workshops. American Cancer Society, California Division at Spa Hotel, Palm Springs. Saturday. 7 hrs. \$100. Contact: J. Shiller, CME Associates, P.O. Box 84296, San Diego 92138. (619) 223-2997.
- June 23-27—Golden State Medical Association—Annual Convention in San Diego. Thursday-Monday. Contact: GSMA, P.O. Box 2151-Station A, Berkeley 94702. (415) 839-3466.
- June 25—Colon Cancer Screening Workshops. American Cancer Society, California Division at Hotel Del Coronado, San Diego. Saturday. 7 hrs. \$100. Contact: J. Shiller, CME Associates, P.O. Box 84295, San Diego 92138. (619) 223-2997.
- June 26—Colon Cancer Screening Workshops. American Cancer Society, California Division at Hyatt, Anaheim. Sunday.
 7 hrs. \$100. Contact: J. Shiller, CME Associates, P.O. Box 84296, San Diego 92138. (619) 223-2997.
- July 1-Family Practice Review Board. UCSF. Friday.
- July 5-7—Family Practice Board Review Course. UCSF. Tuesday-Thursday.
- July 9—MFCC Licenses: The Requirements and Your Career. UCLA Extension Dept. of CME in Health Sciences at 2221 E. Bunche Hall, UCLA. Saturday. \$55. Contact: (213) 825-6701.
- July 9-10—MKSAP VI Review Course—Internal Medicine Part III. UCLA and American College of Physicians at UCLA. Saturday-Sunday. 12 hrs. \$160.
- July 28—Respiratory Therapy for the Primary Care Physician. Mount Zion Hospital and Medical Center, San Francisco. Thursday. Contact: Office of Continuing Education, Mt. Zion Hospital and Medical Center, P.O. Box 7921, San Francisco 94120. (415) 567-6600, ext. 2404.
- August 7-13—Updates in Infectious Diseases: An Epic Medical Expedition. American Institute of Primary Care Medicine & the University of Arizona, College of Medicine at Middle Fork of the Salmon River, Idaho. 24 hrs. Contact: Richard Paris, MD, (208) 788-4995.
- August 12-21—Physicians Training Course in Medical Acupuncture. UCLA Extension Dept. of CME Health Sciences and School of Medicine with American Holistic Medical Association at Miramar Sheraton Hotel, Santa Monica. 200 hrs. \$3,000. Contact: Health Sciences, UCLA Extension, P.O. Box 24901, Los Angeles 90024. (213) 825-9187.
- August 13-20—3rd Annual Symposium: Fine Needle Aspiration. UCSF in Maui. One week.
- August 21-25—American Physiological Society Meeting in Honolulu. Sunday-Thursday. Contact: Geri Goodenough, Office of Scientific Meetings, APS, 9650 Rockville Pike, Bethesda, MD 20814. (301) 530-7010.
- August 22-September 9—Intensive Residency in Occupational Medicine III. UCSF at Golden Gateway Holiday Inn, San Francisco. 2½ weeks.

(Continued on Page 918)

- August 25-26—Current Concepts in Medicine for the Practicing Physician. Northern Inyo Hospital, Bishop. Thursday-Friday. 10 hrs. Contact: Susan Kobayashi, c/o Northern Inyo Hospital, 150 Pioneer Lane, Bishop 93514.
- September 19-21—A Vehicle for Success. Scripps Memorial Hospital at Vacation Village Hotel, San Diego. Monday-Wednesday. \$190. Contact: Nomi Feldman, Conference Coordinator, 3770 Tansy, San Diego 92121. (619) 453-6222.
- September 23-24—Advances in Heart Disease, Aging, Diabetes and Cancer. See Medicine, September 23-24.
- October 12-16—Annual Scientific Program and Postgraduate Courses. Pacific Coast Fertility Society at Marriott's Rancho Las Palmas, Rancho Mirage. Wednesday-Sunday. 21 hrs. Contact: PCFS, 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.
- October 13-15—California Medical Association Postgraduate Institute. CMA at West Coast Counties Doubletree Inn, Monterey. Thursday-Saturday. Contact: Janice Rigney, CMA, 731 Market St., San Francisco 94103. (415) 777-2000.
- October 14-16—Practical Usable Medicine. UCD at Napa Valley Holiday Inn, Napa. Friday-Sunday.
- October 15-23—Physicians Training Course in Medical Acupuncture. UCLA Extension Dept. of CME Health Sciences and School of Medicine with American Holistic Medical Association at Miramar Sheraton Hotel, Santa Monica. 200 hrs. \$3,000. Contact: Health Sciences, UCLA Extension, P.O. Box 24901, Los Angeles 90024. (213) 825-9187.

IDAHO

- July 20-23—Idaho Medical Association—Annual Meeting. Wednesday-Saturday. Sun Valley. Contact: IMA, 407 W. Bannock St., PO Box 2668, Boise, ID 83701. (208) 344-7888.
- August 15-19—Pediatric Immunology and Infectious Disease (Sponsor: University of Utah). Monday-Friday. Sun Valley. 25 hrs. Fee to be announced. Contact: John Matsen, MD, (801) 581-5968.

NEW MEXICO

All courses listed below have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. The Continuing Medical Education Committee of the New Mexico Medical Society has certified all courses listed below as meeting the criteria for Category IV under the New Mexico Board of Medical Examiners Continuing Medical Education regulations.

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

June 12-15—Annual Meeting—US/Mexico Border Health Association. Albuquerque. Sunday-Wednesday. Four Seasons Motor Inn. 10 hours NM Category IV and 10 hours AMA Category I. Contact: W. F. Rosenblatt, MD, PO Box 25846, Albuquerque, NM 87125. (505) 841-4117 or (505) 984-0030, ext. 512.

June 24-25—Clinical Genetics for the 1980s. Santa Fe. Friday-Saturday. Hilton Inn. Contact: Shelia Mattox or Sterling M. Puck, MD, Vivigan Laboratories, 550 St. Michaels Dr., Santa Fe, NM 87501. (505) 988-9744.

OREGON

The following list of continuing medical education offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to Veronica Story, Secretary to the Council on Medical Education, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

- Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:
 - Every Monday 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.
- Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:
 - Every Friday, 8:00 a.m. to 9:00 a.m. Medical Grand Rounds. Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein St., Portland, OR 92227. (505) 280-3200.
- Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:
 - Every Wednesday, 8:00 a.m. to 9:00 a.m. Medicine Grand Rounds. Contact: Chris Cobb, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7111.
- Providence Medical Center, 700 NE 47th Ave., Portland 97213:
 - Every Wednesday, 8:00 a.m. Medical Grand Rounds. Contact: Martha Regan, MD, Providence Medical Center, 700 NE 47th Ave., Portland, OR 97213. (503) 234-8211.
- Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:
 - Every Tuesday, 8:00-9:00 a.m. Medical Grand Rounds. Hospital Auditorium. Contact: Medical Education Committee, P.O. Box 10905, Eugene, OR 97440.
- Salem Hospital, 665 Winter Street SE, Salem 97301:
 - First and third Thursday of each month 7:15 a.m. to 8:15 a.m. Medical Live Audit Conference. Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.
 - Every Friday, 7:30 a.m. to 8:30 a.m. Friday Grand Rounds. Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter St. SE, Salem, OR 97301. (503) 370-5339.
- St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225:
 - First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. Medical Grand Rounds. Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr. Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Rd., Portland 97225. (503) 297-4411, Ext. 2230.
- Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

(Continued on Page 929)

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

THE WESTERN JOURNAL OF MEDICINE INFORMATION FOR AUTHORS

Submitting Manuscripts

Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, 731 Market Street, San Francisco, California 94103. The transmittal letter should designate one

person as correspondent and include complete address, with ZIP code and telephone number.

In view of *The Copyright Revision Act of 1976*, transmittal letters should contain the following language: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns or otherwise conveys all copyright ownership to The Western Journal of Medicine in the event that such work is published by the journal." This statement should be signed by all the authors.

Authors are urged to seek clarity and succinctness in all manuscripts regardless of subject matter or format and to give

close attention to syntax, grammar and spelling.

Clinical Investigation Section

Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

Preparing Manuscripts

The original manuscript and two copies should be submitted on heavy bond paper (8½ by 11 inches, not erasable), typed double-spaced throughout (including legends, tables and references) on one side of the paper, with $1\frac{1}{2}$ -inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

Style

Abbreviations. Use of abbreviations should be minimized. If they are necessary, abbreviations should be spelled out at first mention, with the abbreviation itself immediately following in

Weights and measures. All measurements should be given in metric units. English equivalents should be given parenthetically if the measurements were originally done in English units.

Temperatures. Temperature readings should be given first in

Celsius, followed by the Fahrenheit equivalent in parentheses.

Drug names. If the trade name of a drug is used, the generic name should be given first, followed by the trade name in parentheses. Trade names are capitalized, generic names are not.

Titles are best when brief and concise. The title page should include the full name of the author(s), with degrees, academic or professional titles, complete addresses and any institutional or other affiliations. The complete name and address of the person who will handle reprint requests also should appear on this page.

Abstract

The abstract (approximately 150 words) should be a short summary, saying in brief what is said at length in the body of the article—rather than such and such "is discussed," "is presented" or "was investigated."

Tables and Figures

Each table should be typed on a separate sheet of paper, be numbered consecutively in Arabic numerals, have a brief descriptive title and have its position indicated in the text.

Illustrations (Figures)

Three sets of clear, unmounted black and white glossy prints of figures should be submitted (preferably 5 by 7 inches, but no larger than 8½ by 11 inches). For line drawings, original artwork or glossy prints are acceptable. Illustrations should be numbered consecutively in Arabic numerals and their position indicated in the text. Figure number, first author's name and top of the photo should be shown on the reverse side of each illustration. Recognizable photographs of patients are to be masked and written permission for publication obtained from the patients.

All legends for figures should be typed together on a separate sheet of paper. Magnification and stain for photomicrographs should be indicated in parentheses.

Permission for Reproduction

If an illustration or table has been used previously in another publication, written permission for its use must be obtained from the publisher, and should accompany the manuscript. The briefly by citation of a reference number. Otherwise, acknowledgment is made at the end of the figure legend or at the bottom of the table.

References

References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in Index Medicus.

Journal Articles

Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers, and month and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon only if it appears in the original citation.

1. Jones JS, Andersen HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. JAMA 1978 Apr 26; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. Cell Immunol 1978 Sep; 7:76-79

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, Principles of Group Therapy. New York, Oxford University Press, 1966, pp 35-51 (author of chapter same as author of book)

4. Munsung JM: The role of drugs, chap 2, In Brest AN, Mayer JH (Eds): Hypertension—Vol 2, Therapy, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (author of chapter different from authors of book

Pamphlets, Monographs or Books With No Given Author
5. AMA Department of Drugs: AMA Drug Evaluation, 3rd
Ed. Littleton, Mass, Publishing Sciences Group, 1977 (corporate author)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (no given author; give name and place of publisher)

Articles in Press or Accepted for Publication Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

Personal Communications and Unpublished Data

This information should not be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

Acknowledgments

It is the policy of the WJM not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publica-tion. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galleys for approval. No changes will be made after the final, edited version has been approved by

the author.

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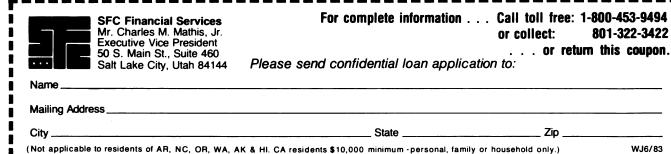
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(Continued from Page 918)

Every Wednesday, 4:00 p.m. to 5:00 p.m.—Department of Psychiatry Grand Round Presentations. Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m.—Department of Medicine Grand Rounds. Library Auditorium, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. Family Practice Grand Rounds. Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

INTEREST TO ALL PHYSICIANS

June 16-18—Current Concepts in Cardiology. Ashland. Thursday-Saturday. Ashland Hills Inn. For information contact: OHSC-CME.

June 24-25—Exercise and Fitness. Portland. Friday-Saturday. Red Lion Motor Inn Downtown. For information contact: OHSU-CME.

September 9-10—Ashland Conference: Endocrinology. Ashland. Friday-Saturday. Ashland Hills Inn. For information contact: OHSU-CME.

October 20-22—Pacific Northwest Review of Obstetrics and Gynecology. Jantzen Beach, Portland. Thursday-Saturday. Red Lion Motor Inn. For information contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the Academy for Continuing Medical Education, a foundation of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Academy for Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the Academy at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the Academy for current details.

PEDIATRIC GRAND ROUNDS

Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103:

First and Third Thursdays—8:00 a.m. Contact: Cathy Van Komen, PCMC, 320 12th Ave., Salt Lake City, UT 84103. (801) 363-1221.

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MONTHLY PSYCHOTHERAPY CLINICAL SEMINAR

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

First Monday-7-9 a.m. Contact: Jack Tedrow, MD, (801) 363-2024.

FAMILY PRACTICE CLINICAL CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Every Friday-7:30-8:30 a.m. Contact: Thomas Schwenk, MD, (801) 350-4111.

CITYWIDE OB/GYN CLINICAL CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City

Second Saturday-8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

OB/GYN PATHOLOGY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday-8-9 a.m. Contact: Howard Berk, MD, (801) 364-4438.

MONTHLY OPHTHALMOLOGY FLUORESCEIN ANGIOGRAPHY CONFERENCE

Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.

Fourth Monday—7:30-8:30 a.m. Contact: Roy Goodart, MD, (801) 532-7406 or F. T. Reikhof, MD, (801) 532-7406.

INTERDEPARTMENTAL GRAND ROUNDS

Utah Valley Hospital, Provo, 1034 North Fifth West, Provo 84601.

SPONSORS OF COURSES—ABBREVIATIONS

- Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389. AF:
- Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800. CH:
- Cottonwood Hospital, 5770 South 300 East, Salt Lake City \$4101 (801) 262-3461. CWH:
- Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information. FHP:
- Hill Air Force Hospital, Hill Air Force Base \$4406. HAFB:
- Holy Cross Hospital, 1045 Bast First South, Salt Lake City 84102. (801) 350-4744. HCH.
- Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100. LDSH:
- McKay-Dee Mospital Center, 3939 Harrison Blvd., Ogden 94499. (801) 399-4141. MDH:
- OEH:
- Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Sait Lake City 84132, (801) 521-5719. OSS:
- PCMC:
- Ogden Surgical Society, PO Box 9311, Ogden 84409.
 Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
 Shriners Hospital for Crippled Children, Intermediatal Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. SHCC:
- SUSC Sait Lake Surgical Center, 617 Rast 3900 South, Sait Lake City 84117. (801) 261-3141.
- Academy of Family Physicians, 1146 Selt Lake City 84105, (801) 466-9478.
- tah State Medical Association, 540 East Fifth Sc alt Lake City 84102. (801) 355-7477.
- Utah Valley Hospital, 1034 North Pitth West, Prove \$4601. (801) 373-7850. UVH:
- ns Administration Medical Center, Salt Lake City 84148. (801) 582-1565

Classified Advertisements

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Contact: Gary Watts, MD, UVH, 1034 North Fifth West, Provo. UT 84601. (801) 373-7850 (Ext 2143).

. . . .

- June 20-23—Alcoholism and Other Drug Dependencies (Sponsor: University of Utah). Salt Lake City. Monday-Thursday. University of Utah Campus. 25 hrs. Fee to be announced. Contact: James Swenson, MD (801) 581-7985.
- June 21-23—Training and Certification for Pulmonary Function Testing (Spirometry) (Sponsor: Rocky Mountain Center for Occupational and Environmental Health/University of Utah). Tuesday-Thursday. Credit: to be announced. \$350. Contact: K. Blosch, (801) 581-5710.
- June 23-25—7th Annual Castle Country Medical Symposium (Sponsor: Castleview Hospital, Price, Utah). Thursday-Saturday. 13 hrs. \$85. Contact: Mary Louise Ghirardelli, (801) 637-4800. *Special note—family activities; ranch and river trip available.
- July 11-15—Diagnostic Microbiology and Immunology (Sponsor: University of Utah). Jackson Hole, Wyoming. Monday-Friday. 25 hrs. Fee to be announced. Contact: John Matsen, MD (801) 581-5968.
- July 12-14—Industrial Audiometric Technician's Certification
 Course (Sponsor: Rocky Mountain Center for Occupational and Environmental Health, University of Utah). University of Utah, Salt Lake City. Tuesday-Thursday. \$225. Contact: Ms K. Blosch, RMCOEH/C.E., Bldg. 512, Univ. of Utah, Salt Lake City 84122. (801) 581-5710.
- August 15-19—Pediatric Immunology and Infectious Disease (Sponsor: University of Utah). Monday-Friday. Sun Valley, Idaho. 25 hrs. Fee to be announced. Contact: John Matsen, MD (801) 581-5968.

Note: Dates, times, places and programs are subject to change on ocasion. Please check with the sponsoring organization or the Academy for details.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the course sponsors and contact information box.

- June 17—Riverton Hospital Lecture. Seattle. Friday. Riverton Hospital. Contact: U/W.
- June 24—Riverton Hospital Lecture. Seattle. Friday. Riverton Hospital. Contact: U/W.
- June 26-July 1—(OREGON) Office Management of Common Psychiatry Problems. Sunriver. Sunday-Friday. Sunriver Resort. Contact: U/W.
- July 5-7—(OREGON) Medicine and the Life Stages. Gleneden. Tuesday-Thursday. Salishan Resort. Contact: U/W.
- July 11-14—(OREGON) Medicine and Society in History. Sunriver. Monday-Thursday. Sunriver Resort. Contact: U/W.
- July 21-22—American College of Physicians MKSAP VI. Seattle. Thursday-Friday. U/W Health Sciences Building. Contact: U/W.
- July 27-29—The Burn Wound and the Burn Patient. Scattle. Wednesday-Friday. Seattle Westin Hotel. Contact: U/W.
- July 28-30—Debates in Otolaryngology. Seattle. Thursday-Saturday. Westin Hotel. Contact: U/W.

- July 29-31—Washington State Society of Anesthesiologists: Seafair V Anesthesia Meeting. Seattle. Friday-Sunday. Sheraton. Contact: VMMC.
- July 31-August 5—(OREGON) Office Orthopedics. Sunriver. Sunday-Friday. Sunriver Resort. Contact: U/W.
- August 4-6—Pharmacotherapy and Psychotherapy. Seattle. Thursday-Saturday. U/W Health Sciences Building. Contact: U/W.
- August 12-13—Surviving the Elements. Seattle. Friday-Saturday. U/W Health Sciences Building. Contact: U/W.
- August 18-20—Care of the Teenage Athlete. Seattle. Thursday-Saturday. U/W South Campus Center. Contact: U/W.
- September 1-2—Wound Repair. Seattle. Thursday-Friday. U/W Health Sciences Building. Contact: U/W.
- September 6-16—Parasitology. Seattle. Tuesday-Friday. U/W Health Sciences Building. Contact: U/W.
- September 9-10—Internal Medicine Review. Seattle. Friday-Saturday. U/W Health Sciences Building. Contact: U/W.
- September 12-16—Advances in Family Practice. Seattle. Monday-Friday. U/W Health Sciences Building. Contact: U/W.
- September 15-18—(BRITISH COLUMBIA) Issues of Life and Death. Victoria, BC. Thursday-Sunday. Empress Hotel. Contact: U/W.
- September 21—Nutrition and the Ages of Man. Seattle. Wednesday. U/W Health Sciences Building. Contact: U/W.
- September 22-25—Washington State Medical Association Annual Meeting. Seattle. Thursday-Sunday. Westin Hotel. Contact: WSMA, Heidi Hilby, Meeting Coordinator, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 623-4801 or 1 (800) 552-0612.
- September 28—Nutrition and the Ages of Man. Seattle. Wednesday. U/W Health Sciences Building. Contact: U/W.
- September 30—Endocrinology Day/Leonard Memorial Lecture. Scattle. Friday. U/W CDMRC. Contact: U/W.
- September 30-October 1—Medical Alumni Day. Seattle. Friday-Saturday. U/W Health Sciences. Contact: U/W.
- October 1, 10, 17, 24, 31—Psychoanalysis. Seattle. Mondays. Davis Home. Contact: U/W.
- October 5, 12, 19, 26—Nutrition and the Ages of Man. Seattle. Wednesday. U/W Health Sciences Building. Contact: U/W.
- October 8-9—Advanced Cardiac Life Support. Seattle. Friday-Saturday. U/W Health Sciences Building. Contact: U/W.
- October 15—Radiology Northwest. Seattle. Saturday. U/W Health Sciences. Contact: U/W.
- October 15—Herpes. Seattle. Saturday. U/W Health Sciences. Contact: U/W.
- October 18—Psychiatry Circuit Course. Walla Walla. Tuesday. Contact: U/W.

(Continued on Page 934)

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs. Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON) — Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, 1100 Ninth Avenue, P.O. Box 900, Seattle, WA 98101. (206) 223-6898.

WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

- Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 277-6891. Annual Meeting: 1984—date and place to be announced.
- Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: 1984—date and place to be announced.
- California Medical Association—731 Market St., San Francisco 94103. (415) 777-2000. Annual Meeting: February 10-15, 1984, Disneyland Hotel, Anaheim.
- Colorado Medical Society—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: October 12-14, 1983, Tamorron Resort, Durango.
- Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: October 8-10, 1983, Intercontinental, Wailea, Maui.
- Idaho Medical Association—407 W. Bannock St., P.O. Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 20-23, 1983, Sun Valley.
- Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 443-4000. Annual Meeting: October 6-8, 1983, Edgewater Resort, Missoula.
- Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: 1984 date and place to be announced.
- New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: 1984—date and place to be announced.
- Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Scientific Session: November 3-4, 1983, Thunderbird, Jantzen Beach
- Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: September 15-16, 1983, Park City.
- Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 22-25, 1983, Westin Hotel, Seattle.
- Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 29-July 2, 1983, Jackson Lake Lodge, Moran.

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- October 19—Psychiatry Circuit Course. Tri-Cities. Wednesday, Contact: U/W.
- October 20—Psychlatry Circuit Course. Yakima, Thursday, Contact; U/W.
- October 21—Psychiatry Circuit Course. Wenatchee. Friday, Contact: U/W.
- November 7—Psychoanalysis. Seattle. Monday. Davis Home. Contact: U/W.
- November 17-18—Topics in Emergency Medicine. Seattle. Thursday: Friday: SeaTac Marriott. Contact: Washington ACEP, Heldi Hilby, Executive Secretary, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121. (206) 623-4801.
- November 18-19—Diabetes. Seattle. Friday-Saturday. Contact:
- November 19—Radiology Northwest, Seattle, Saturday, U/W Health Sciences Building, Contact: U/W.
- December 2-3—Aging and Elderly. Seattle, Friday-Saturday.
 Contact: U/W.

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- December 3—Endocrinology Day. Seattle. Saturday. U/W CDMRC. Contact: U/W.
- December 8-9—Surgery and Strauss Lecture. Seattle. Friday-Saturday. Contact: U/W.
- December 9-10—Internal Medicine. Seattle. Friday-Saturday. Contact; U/W.
- December 10—Radiology Northwest. Seattle. Saturday. Contact: U/W.

WYOMING

- June 29-July 2—Wyoming Medical Society Annual Meeting. Moran. Wednesday-Saturday. Jackson Lake Lodge. For information contact: Wyoming Medical Society, PO Drawer 4009, Cheyenne, WY 82003-4009.
- July 11-15—Diagnostic Microbiology and Immunology (Sponsor: University of Utah). Jackson Hole. Monday-Friday. 25 hrs. Fee to be announced. Contact: John Matsen, MD (801) 381-5968.